

L9 ANSWER 15 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1980:587706 CAPLUS

DOCUMENT NUMBER: 93:187706

TITLE: Oilproofing and waterproofing agents for finishing
textiles

PATENT ASSIGNEE(S): Daikin Kogyo Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

JP 55071779	A2	19800530	JP 1978-144547	19781122
-------------	----	----------	----------------	----------

JP 63014027	B4	19880329		
-------------	----	----------	--	--

PRIORITY APPLN. INFO.: JP 1978-144547 19781122

AB Fluoropolymer compns. contg. a mixt. of a salt of RNMe₂ or RN+Me₂R₁X-, where R is C₈-18 alkyl, R₁ is H or C₁-3 alkyl or benzyl, and X- is a neg. ion, and a nonionic emulsifier at 20-60:40-80 wt. ratio were useful for waterproofing and oilproofing of textiles. Thus, 60 parts of a compn. contg. (CF₃)₂CF(CF₂CF₂)_qCH₂CH₂O₂CCH:CH₂(q = 3, 4, 5) at 5:3:1 wt. ratio was mixed with 38 parts stearyl ***acrylate*** and 2 parts N-methylolacrylamide. An emulsifying compn. (8 parts) contg. 60% trimethylstearyl ammonium chloride [112-03-8] and 40% polyethylene glycol monolauryl ether (I) [9002-92-0] was added and the mixt. was polymd. to give a polymer (II) [***75132-94-4***] ***latex***. Polyester-cotton blend (65:35) was immersed in a compn. contg. II (0.4% solids) prep'd. in the presence of the emulsifying compn., squeezed, dried, and heat-treated 3 min. Resistance to water and oil was good for the treated fabric, whereas this resistance was poor for the fabric treated with a similar compn. without I.

EV979440235